

Date: Tuesday, 8/1/2006 11:25:01 AM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: HELI-UTILITY BASKET RH
Job Number	: 28051		
Estimate Number	: 12433		
P.O. Number	: N/A	Part Number	: D205541044
This Issue	: 8/1/2006	S.O. No.	: N/A
Prsht Rev.	: NC	Drawing Number	: IIN D205-541 REV F
First Issue	: N/A	Project Number	: N/A
Previous Run	: 27487	Drawing Revision	: F
		Material	: N/A
Written By	:	Due Date	: 8/31/2006
Checked & Approved By	:	Qty:	1 Um: Each
Comment	: Est Rev: C Re-Format 02-08-30 KJ		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	28051A	350/212/130 BASKET LID
-----	--------	------------------------



Comment: Sub-Component 350/212/130 BASKET LID

2.0	28051B	212 BASKET BASE ASS'Y RH
-----	--------	--------------------------



Comment: Sub-Component 212 BASKET BASE ASS'Y LH

3.0	DC	DOCUMENT CONTROL
-----	----	------------------



Comment: Photocopy bluefile &amp; type labels per PPPD205-541-044 CHG002

4.0	D2022101	Spacer
-----	----------	--------



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Spacer

Batch: B25815 ✓

5.0	D2258300	Placard
-----	----------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Placard

Batch: B28072 ✓

6.0	D2332041	Lid Prop Assembly 6.69"
-----	----------	-------------------------



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Lid Prop Assembly 6.69"

Batch: B26880 ✓

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Job Number:



Seq. #:

Machine Or Operation:

Description :

7.0

D2530

Handle Weldment



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Handle Weldment

Batch: B27556 v

8.0

D2535

Spring



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Spring

Batch: B28087 v

9.0

D2537

Bushing



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bushing

Batch: B28294 v

10.0

D2931

Bumper



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bumper

Batch: B21139 v

11.0

AN316A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bolt

Batch: M101884 v

12.0

AN47A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bolt

Batch: M100327 v

13.0

AN422A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Bolt

Batch: M18822

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Job Number:



Seq. #:

Machine Or Operation:

Description :

14.0

AN424A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Bolt

Batch: M17204 ✓

15.0

AN517A

Bolt



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Bolt

Batch: M101537 ✓

16.0

AN960JD416

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Washer

Batch: M19185 ✓

17.0

AN960JD416L

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Washer

Batch: M101237 ✓

18.0

AN960JD516

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Washer

Batch: M161369 ✓

19.0

AN960JD8

Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Washer

Batch: M11989 ✓

20.0

AN9704

Washer



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Washer

Batch: M100151

W/O:		WORK ORDER CHANGES					
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Job Number:



Seq. #:

Machine Or Operation:

Description :

21.0

MS21042L3

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Nut

Batch: M101390 ✓

22.0

MS21042L4

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Nut

Batch: M19085 ✓

23.0

MS21042L5

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Nut

Batch: M101648 ✓

24.0

MS20600AD4W3

Cherry Rivets



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Cherry Rivets

Batch: M14393 ✓

Re/ 9/19 ①

25.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg.

mF 06/09/19 ①

26.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

SB 06/09/19 ①

27.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

W/O:		WORK ORDER CHANGES					
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Part Number: D205541044

Job Number:



Seq. #:

Machine Or Operation:

Description :

28.0

D21991

Struts, 19"



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Struts, 19"

Batch: B28071 ✓

29.0

D219923

Strut



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Strut

Batch: B12793 ✓

30.0

D219925

Strut



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Strut

Batch: B11407 ✓

31.0

D2498

Mounting Bracket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Mounting Bracket

Batch: B27683 ✓

32.0

D2499

Mounting Bracket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Mounting Bracket

Batch: B27501 ✓

33.0

D2515

Bushing



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bushing

Batch: B18029 ✓

34.0

D30521

Mounting Lug



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Mounting Lug

Batch: B18143 ✓

W/O:		WORK ORDER CHANGES					
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Part Number: D205541044

Job Number:



Seq. #:

Machine Or Operation:

Description :

35.0

AN47A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bolt

Batch: M100327 ✓

36.0

AN412A

Bolt



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)

Bolt

Batch: M101390 ✓

37.0

AN413A

Bolt



Comment: Qty.: 9.0000 Each(s)/Unit Total : 9.0000 Each(s)

Bolt

Batch: M101594 ✓

38.0

AN414A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Bolt

Batch: M100188 ✓

39.0

AN57A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Bolt

Batch: ~~M101780~~ M101943 ✓

40.0

AN513A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Bolt

Batch: M15928 ✓

41.0

AN960JD416

Washer



Comment: Qty.: 29.0000 Each(s)/Unit Total : 29.0000 Each(s)

Washer

M19185 ✓

*Boe/02/19*

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Job Number: 28051

Part Number: D205541044

Job Number:



Seq. #:

Machine Or Operation:

Description :

42.0

AN960JD516

Washer



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)

Washer

Batch: 1101369 ✓

43.0

MS21042L4

Nut



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)

Nut

Batch: 119085 ✓

44.0

MS21042L5

Nut



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Nut

Batch: 1101648 ✓

0306/09/19

45.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

06/19 (1)

46.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D205-541-044

Location:

PPP Rev: E

06/19 (1)

47.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

06/09/20 (1)

Job Completion



06/09.20

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

## 2. GENERAL NOTES

## COMPATIBILITY

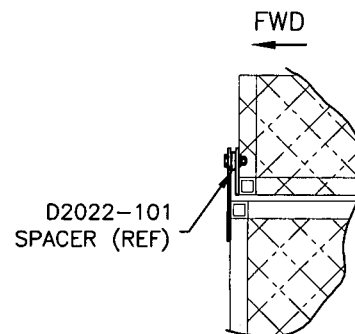
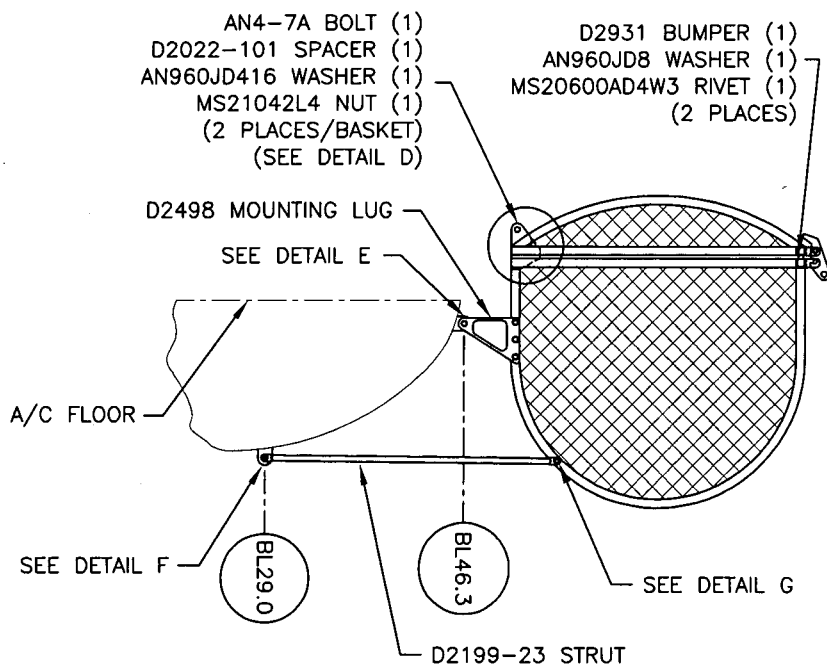
Compatibility of this installation with the aircraft is the **responsibility of the installer**. Ensure that this installation does not conflict with a previous modification.

## CONTINUING AIRWORTHINESS

This installation should be maintained in accordance with the Instructions for Continued Airworthiness ICA-D205-541.

### 3. INSTALLATION PROCEDURE

1. If required, install D2498 (STA 84.29), D2499 (STA 155.06), and D3052-1 (STA 129.00) per Figure 5.
2. Locate the D205-541-043/-044 **Utility-Basket™** as shown in Figure 1.
3. Attach the Basket to the A/C hardpoints at STA 84.29, STA 129.00, STA 155.06 as shown in Figures 2, 3, and 4 respectively.
4. Torque AN4 bolts 50-70 in-lbs (5.6-7.9 N-m). Torque AN5 bolts 100-140 in-lbs (11.3-15.8 N-m).
5. If the D3052-1 mounting lug & D2199-1 strut are not installed (at STA 129), the D2258-300 placard on the lid of the basket should be replaced with the D2258-220 placard. The D2258-220 placard can be purchased from Dart.



DETAIL D  
HINGE DETAIL:  
SIDE VIEW, LOOKING OUTBOARD.  
OTHER END OPPOSITE  
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Figure 2 - Section A-A Looking Fwd at STA 84.29  
(D205-541-044 Shown. D205-541-043 Opposite)

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Revision: **F**  
Date: 06.04.19

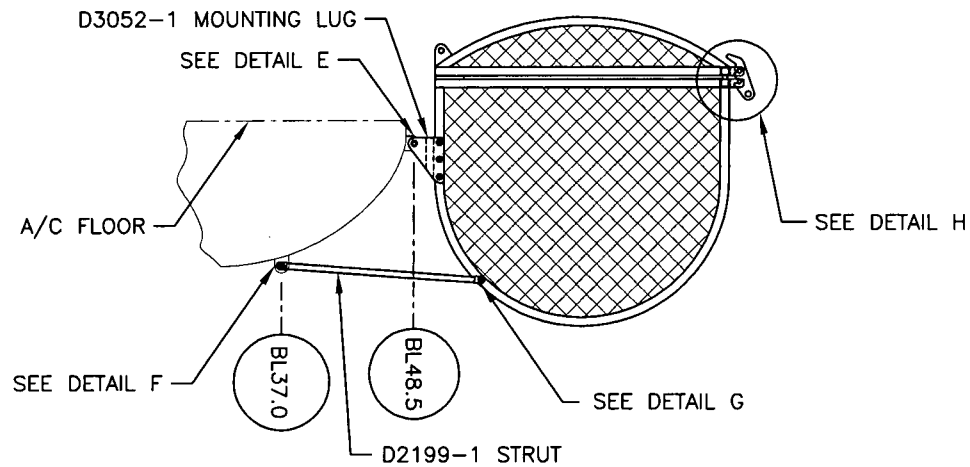


Figure 3 - Section B-B Looking Fwd at STA 129.00  
(D205-541-044 Shown. D205-541-043 Opposite)

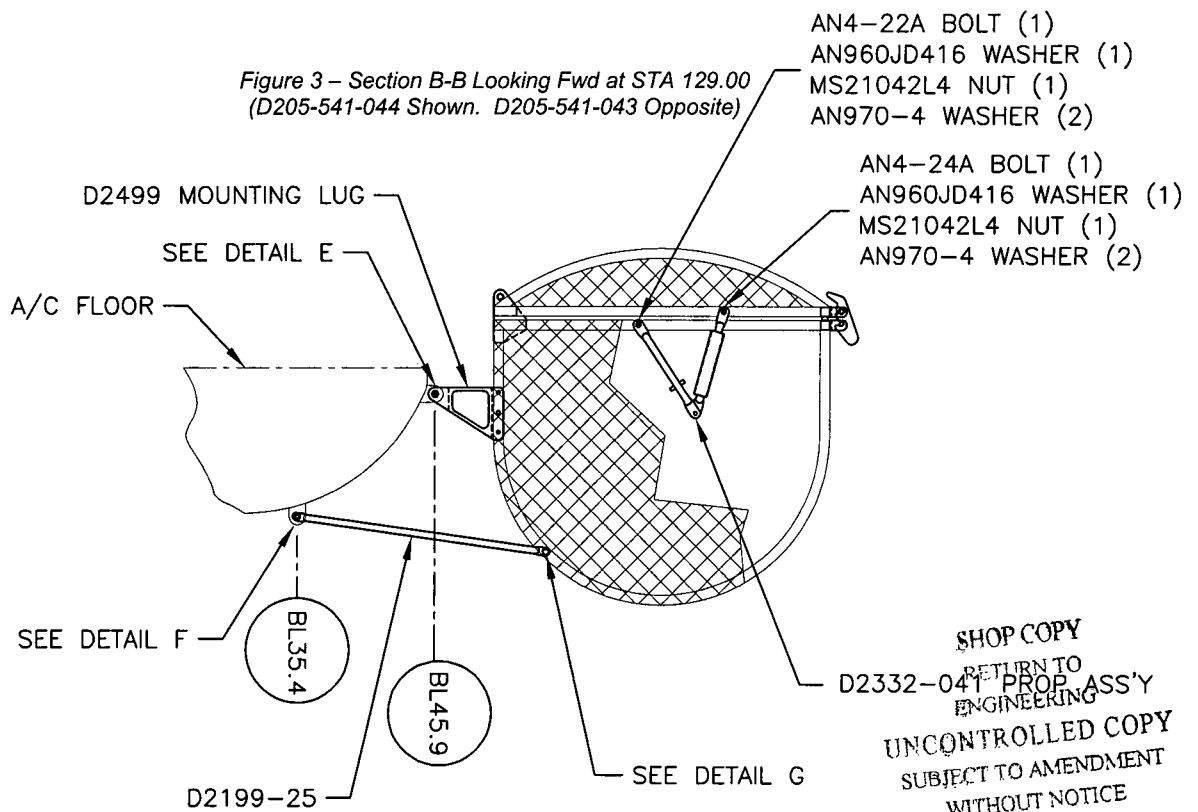


Figure 4 - Section C-C Looking Fwd at STA 155.06  
(D205-541-044 Shown. D205-541-043 Opposite)

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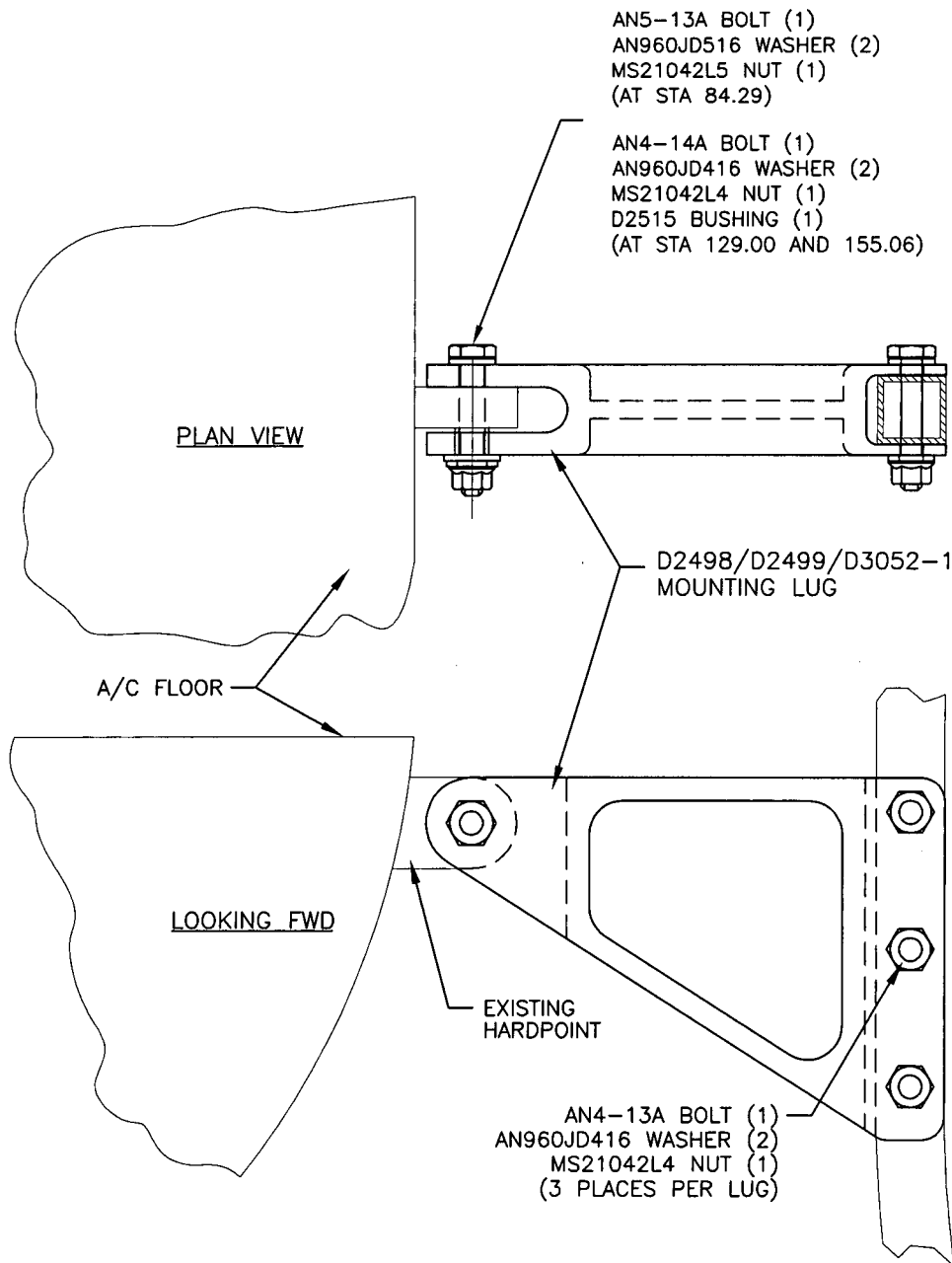


Figure 5 - Detail E Mounting Lug Installation.

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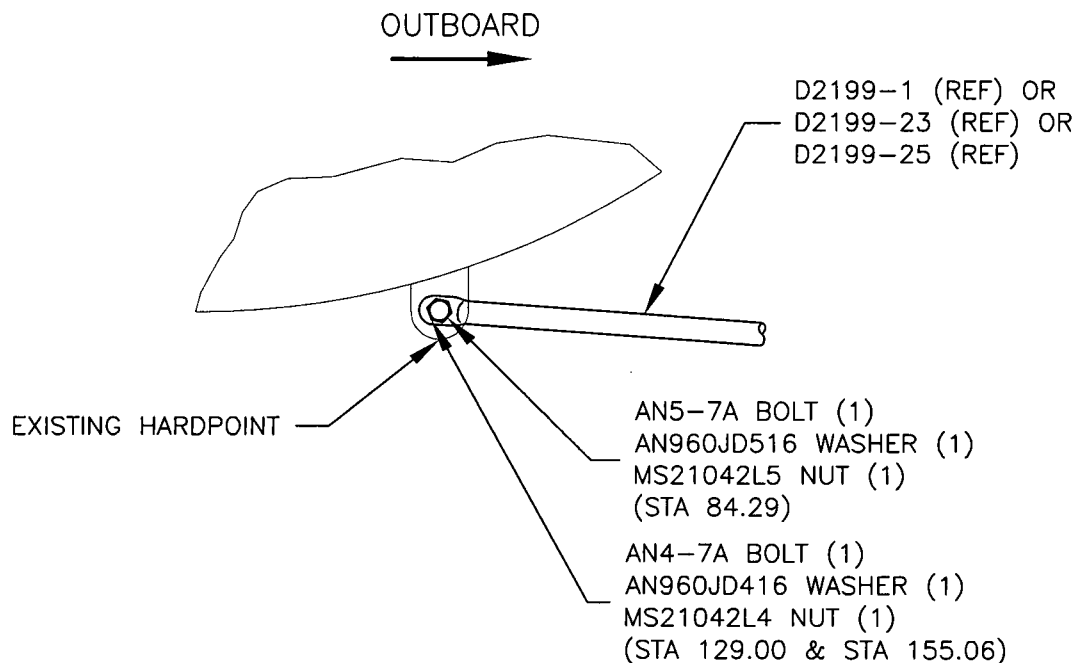


Figure 6 – Detail F Strut to Hardpoint Attachment.

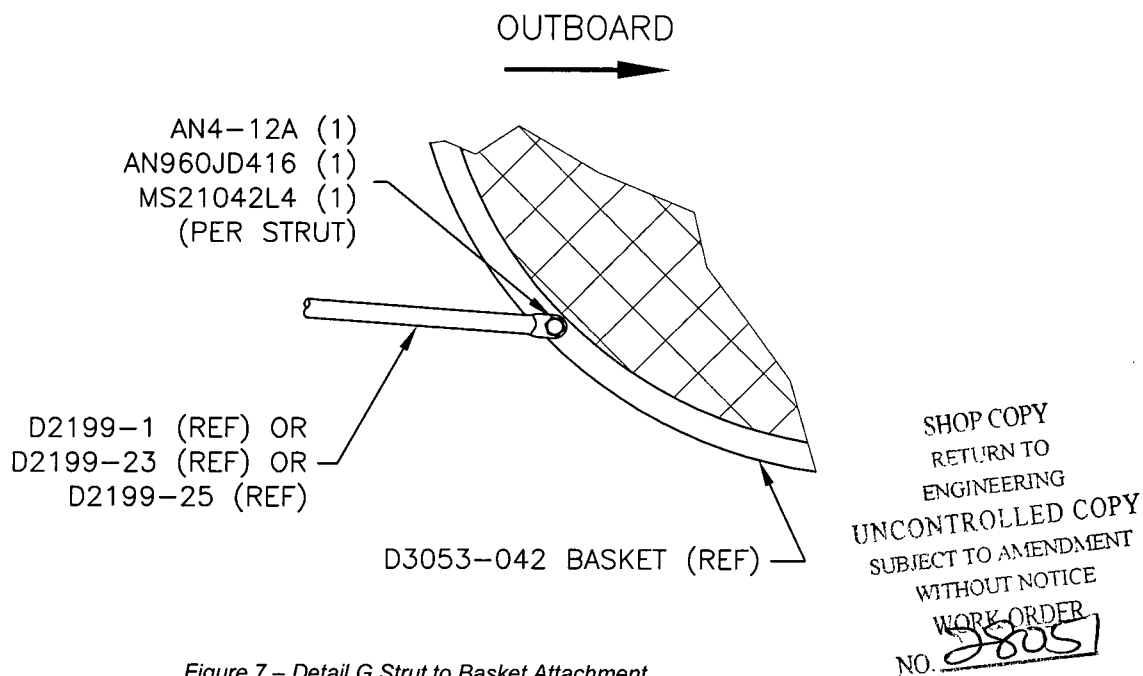


Figure 7 – Detail G Strut to Basket Attachment.

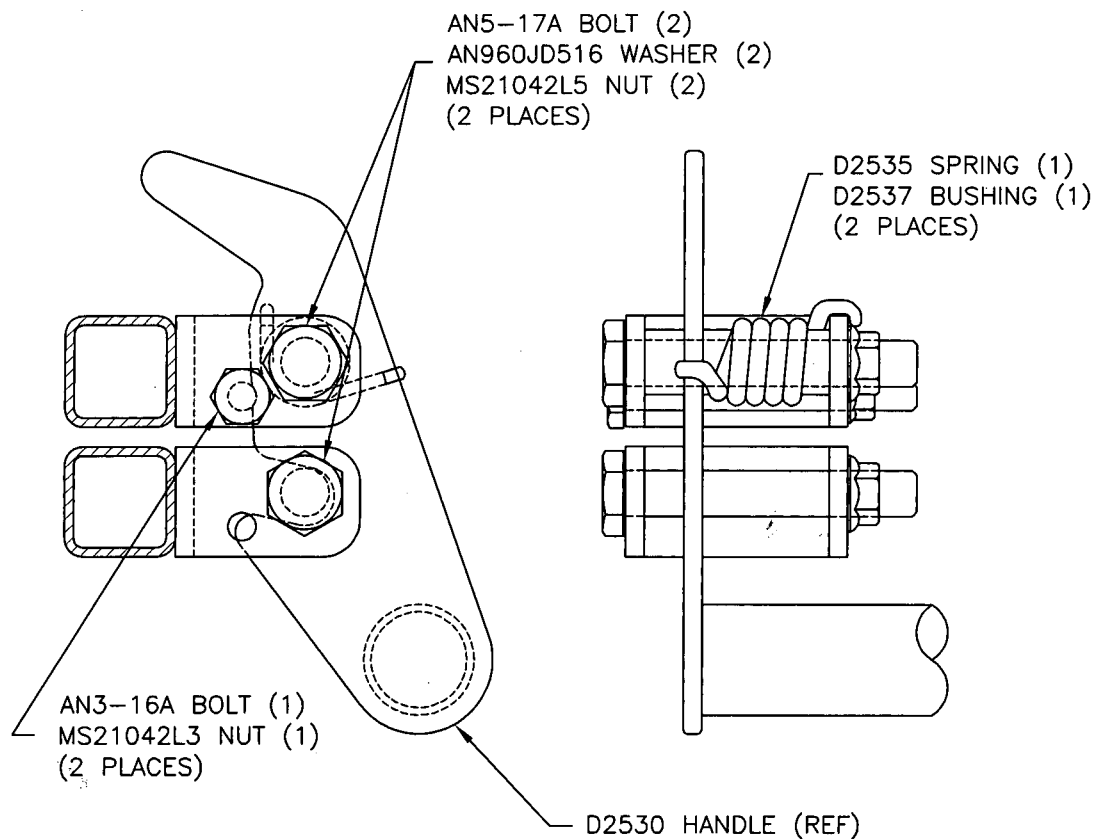


Figure 8 – Detail H Handle Assembly.

#### 4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-541-043 <b>Heli-Utility-Basket™</b>	118 lb 53.6 kg	- 63.13 in - 1.60 m	- 7449 in-lb - 85.8 m-k-g	132.25 in 3.36 m	15606 in-lb 180.1 m-k-g
D205-541-044 <b>Heli-Utility-Basket™</b>	118 lb 53.6 kg	+ 63.13 in + 1.60 m	+ 7449 in-lb + 85.8 m-k-g	132.25 in 3.36 m	15606 in-lb 180.1 m-k-g

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